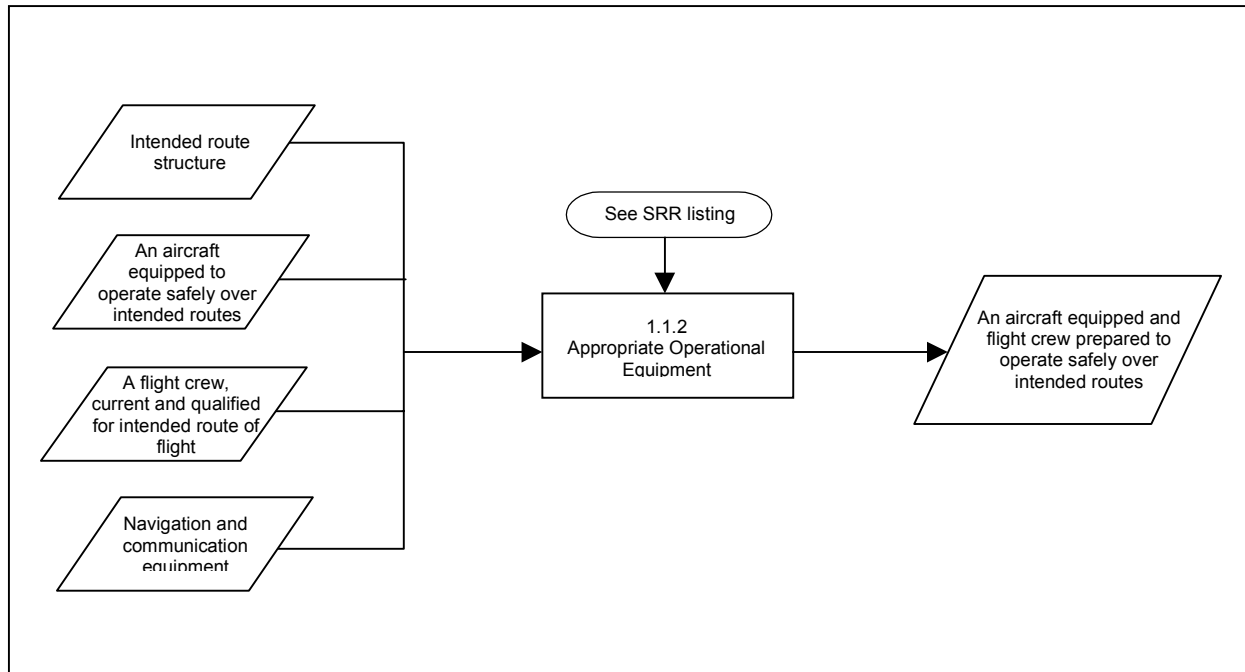


Safety Attribute Inspection (SAI) Job Aid



ELEMENT SUMMARY INFORMATION

Element: 1.1.2 Appropriate Operational Equipment

Purpose of this Element (Air Carrier's responsibility): To ensure that aircraft are equipped to conduct safe operation over the intended route.

Objective (FAA responsibility): To determine if the Air Carrier adheres to its procedures and controls for the Appropriate Operational Equipment.

Inputs:

- Intended route structure
- An aircraft equipped to operate safely over intended routes
- A flight crew, current and qualified for the intended route of flight
- Navigation and communication (NAV/COM) equipment

Outputs:

- An aircraft equipped and flight crew prepared to operate safely over intended routes

Safety Attribute Inspection (SAI) Job Aid

Performance Measures:

- The Air Carrier creates and maintains an accurate document that specifies operational equipment for each make, model and series by intended route.
- Each make, model, and series aircraft is equipped in accordance with the document that specifies operational equipment by intended route.
- The Air Carrier document above includes diagrams showing the specific location of the emergency equipment for each make, model and series aircraft by intended route.
- All NAV/COM equipment required for the intended route of flight is onboard the aircraft and functioning properly.
- All emergency equipment required for the intended route of flight is onboard the aircraft and has been given a preflight inspection in accordance with the Air Carrier's procedures.
- All route specific required airman information is current and on board the aircraft.

Safety Attribute Inspection (SAI) Job Aid

SRR:

- 121.161 (a, b): Airplane limitations: Type of route.
- 121.339 (a, b): Emergency equipment for extended over water operations.
- 121.340 (a): Emergency flotation means.
- 121.349 (e): Radio equipment for operations under VFR over routes not navigated by pilotage or for operations under IFR or over the top.
- 121.351 (a): Emergency equipment for operations over uninhabited terrain areas: Flag, supplemental, and certain domestic operations.
- 121.549 (a), (b): Flying equipment.
- 91.703 (a)(4): Operations of civil aircraft of U.S. registry outside of the United States.
- 91.706 (a)(1): Operations within airspace designed as Reduced Vertical Separation Minimum Airspace.
- 121.309 (c, d, f) Instrument and Equipment Requirements: Emergency equipment
- 121.311 (a) Instrument and Equipment Requirements: Seats, safety belts, and shoulder harnesses
- 121.323 (a-f) Instrument and Equipment Requirements: Instruments and equipment for operations at night
- 121.325 (a-c) Instrument and Equipment Requirements: Instruments and equipment for operations under IFR or over-the-top
- 121.327 (a) Instrument and Equipment Requirements: Supplemental oxygen; Reciprocating engine powered airplanes
- 121.329 (a) Instrument and Equipment Requirements: Supplemental oxygen for sustenance; Turbine engine powered airplanes
- 121.331 (a) Instrument and Equipment Requirements: Supplemental oxygen requirements for pressurized cabin airplanes: Reciprocating engine powered airplanes
- 121.333 (a) Instrument and Equipment Requirements: Supplemental oxygen for emergency descent and for first aid: Turbine engine powered airplanes with pressurized cabins
- 121.335 (a, b) Instrument and Equipment Requirements: Equipment standards
- 121.340 (b) Instrument and Equipment Requirements: Emergency flotation means
- 121.341 (a) Instrument and Equipment Requirements: Equipment for operations in icing conditions
- 121.343 (a-g) Instrument and Equipment Requirements: Flight records
- 121.353 (a-c) Instrument and Equipment Requirements: Emergency equipment for operations over uninhabited terrain areas: Flag, supplemental, and certain domestic operations
- 121.355 (a) Instrument and Equipment Requirements: Equipment for operations on which specialized means of navigation are used
- 121.358 (a, b) Instrument and Equipment Requirements: Low-altitude windshear system equipment requirements
- 121.359 (e) Instrument and Equipment Requirements: Cockpit voice recorders
- 121.361 (b) Maintenance, Preventive Maintenance, and Alterations: Applicability
- 121.578 (b) Flight Operations: Cabin Ozone concentration
- 121.579 (c) Flight Operations: Minimum altitude for use of autopilot
- 121.581 (a, c) Flight Operations: Observer's seat; enroute inspections
- 121.605 Dispatching and Flight Release Rules: Airplane equipment

Safety Attribute Inspection (SAI) Job Aid

Other CFRs and/or FAA Guidance:

- CFR Part 1: Definitions
- CFR 91, Appendix G: Operations in Reduced Vertical Separation Minimum (RVSM) Airspace
- CFR 121.340 (b): Emergency flotation means.
- FAA Order 8300.10, Volume 2, Chapter 76, Section 1, Paragraph 15 “Conduct FAR Part 121/135 Proving/Validation Tests”
- FAA Order 8300.10, Vol. 2, Chapter 82 “Evaluate CFR Part 121 Extended-Range Operations with Two-Engine Aircraft (ETOPS)”
- FAA Order 8300.10, Vol. 3, Chapter 43 “Monitor CFR Part 121 Extended-Range Operations with Two-Engine Aircraft (ETOPS)”
- FAA Order 8400.10, Volume 3, Chapter 1, Section 4, Paragraphs 131: B37 - OPERATIONS IN CENTRAL EAST PACIFIC (CEPAC) COMPOSITE AIRSPACE.
- FAA Order 8400.10, Volume 3, Chapter 1, Section 4, Paragraphs 135 : B38 - NORTH PACIFIC (NOPAC) OPERATIONS.
- FAA Order 8400.10, Volume 3, Chapter 1, Section 4, Paragraphs 149: B50 - AUTHORIZED AREAS OF ENROUTE OPERATION, LIMITATIONS, AND PROCEDURES.
- FAA Order 8400.10, Volume 6, Chapter 2, Section 9, Paragraph 279: C. Route, Special Airport, Area Qualification Records
- FAA Order 8400.12A “Required Navigation Performance 10 (RNP10) Operations Approval”
- HBAW 94-08 “Policy Changes to the ETOPS Configuration, Maintenance and Procedures Documents”
- HBAW 95-10 “Guidelines for Operational Approval of Global Positioning System (GPS)...”
- HBAW 98-07 “Approval of Aircraft and Operators when RNP10 is Applied”
- HBAW 94-09 “Engine Change and Verification Flights for Extended Range Operation with Two-Engine Airplanes (ETOPS) – Guidance for Operations”
- HBAW 97-02 “Approval of Aircraft and Operators for Flight in Airspace Above Flight Level 290 Where 1,000 Foot Vertical Separation is Applied”
- HBAW 97-04 “Auxiliary Power Unit (APU) Data Collection”
- HBAW 98-21 “Relief of Icing Fuel Penalties Associated with Critical Fuel Calculations for ETOPS”
- North Atlantic MNPS Airspace Operations Manual – Seventh Edition
- Refer to appropriate Advisory Circulars

Safety Attribute Inspection (SAI) Job Aid

SRR SPECIFIC INFORMATION

SRR	Intent	
121.161 (a)	To prohibit extended over water operations with two or three engine aircraft in excess of one hour, unless it is three engine turbine powered or is operated under ETOPS program.	<i>Certification: Airworthiness Surveillance: ASI</i>
121.161 (b)	To prohibit extended over water operations unless it is certificated in accordance with Part 25 for ditching (except for those aircraft specified in this subsection).	<i>Certification: Airworthiness Surveillance: ASI</i>
121.339 (a) (1-4)	To ensure that aircraft operated in extended over water operations are equipped with: <ul style="list-style-type: none"> - life preserver equipped with locator for each occupant of the aircraft. - Enough life rafts with locator lights to accommodate occupants - At least one pyrotechnic signaling device in each raft. 	<i>Certification: Airworthiness Surveillance: ASI and CSI</i>
121.339 (b)	To ensure emergency equipment is easily accessible and installed in well-marked locations.	<i>Certification: Airworthiness Surveillance: ASI and CSI</i>
121.340 (a)	To ensure the aircraft is equipped with approved life jackets or flotation means during any over water operations.	<i>Certification: Airworthiness Surveillance: ASI and CSI</i>
121.349 (e)	To ensure the Air Carrier's aircraft is equipped with radio communication and navigational equipment capable of long range communication and navigation when operating in extended over water operations. (This only applies to Air Carriers operating aircraft of 10-30 seats and 7500lbs. or less.)	<i>Certification: Avionics Surveillance: ASI</i>
121.351 (a)	To ensure each Air Carrier has the required radio/navigational equipment to assure safe operation for extended over water and in designated uninhabited terrain.	<i>Certification: Avionics Surveillance: ASI</i>
121.549 (a)	To ensure that all required aeronautical charts and approach procedures are on board the aircraft.	<i>Certification: Operations Surveillance: ASI</i>
121.549 (b)	To ensure that each flight crew member has an operable flashlight.	<i>Certification: Operations Surveillance: ASI</i>

Safety Attribute Inspection (SAI) Job Aid

SRR	Intent	
91.703 (a)(4)	To ensure that an Air Carrier operating within air space designated as Reduced Vertical Separation Minimum complies with 91.706.	<i>Certification: Avionics</i> <i>Surveillance: ASI</i>
91.706 (a)(1)	To ensure that an Air Carrier operating within air space designated as Reduced Vertical Separation Minimum complies with Appendix G, Part 91.	<i>Certification: Avionics</i> <i>Surveillance: ASI</i>
121.390 (c, d, f)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.311 (a)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.323 (a-f)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.325 (a-c)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.327 (a)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.329 (a)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.331 (a)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.333 (a)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.335 (a, b)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.340 (b)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.341 (a)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.343 (a-g)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.353 (a-c)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.355 (a)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.358 (a, b)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.359 (e)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.361 (b)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.578 (b)	TBD	<i>Certification:</i> <i>Surveillance:</i>

Safety Attribute Inspection (SAI) Job Aid

SRR		Intent
121.579 (c)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.581 (a, c)	TBD	<i>Certification:</i> <i>Surveillance:</i>
121.605	TBD	<i>Certification:</i> <i>Surveillance:</i>

Safety Attribute Inspection (SAI) Job Aid

1.1.2 Appropriate Operational Equipment

SECTION 1 - RESPONSIBILITY ATTRIBUTE

Objective: To determine if there is a clearly identifiable, qualified, and knowledgeable person who is accountable for the quality of the Appropriate Operational Equipment process.

To meet this objective, the inspector will accomplish the following tasks:

1. Identify the person who is responsible for the quality of the Appropriate Operational Equipment process.
2. Review the description in the Manual that delineates the duties and responsibilities of the person.
3. Evaluate the person's qualifications and work experience (or resume', if appropriate).
4. Review the appropriate organizational chart.
5. Discuss the Appropriate Operational Equipment process with the person.

To meet this objective, the inspector will determine and record answers to the following questions:

1. Is there a clearly identifiable person who is answerable for the quality of the Appropriate Operational Equipment process?	<input type="checkbox"/> YES If yes, provide the name: <input type="checkbox"/> NO If no, explain:
2. Does the person understand the procedures associated with the Appropriate Operational Equipment process?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO
3. Does the person understand the controls associated with the Appropriate Operational Equipment process?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO
4. Does the person understand the interfaces associated with the Appropriate Operational Equipment process?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO
5. Does the person understand the process measurements associated with the Appropriate Operational Equipment process?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO
6. Is the responsibility of this position clearly documented in the air carrier's Manual(s)?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO
7. Are the qualification standards for this position clearly documented?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO
7a Are the qualification standards for this position appropriate for the duties that are assigned?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO
8. Does the person meet the qualification standards?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO
9. Does the person acknowledge that he/she has responsibility for the Appropriate Operational Equipment process?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO
10. Does the person know who has authority to establish and modify the Appropriate Operational Equipment process?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO

Safety Attribute Inspection (SAI) Job Aid

1.1.2 Appropriate Operational Equipment

SECTION 2 – AUTHORITY ATTRIBUTE

Objective: To determine if there is a clearly identifiable, qualified, and knowledgeable person with the authority to establish and modify the Appropriate Operational Equipment process.

To meet this objective, the inspector will accomplish the following tasks:

1. Identify the person who has the authority to establish or modify the Appropriate Operational Equipment process.
2. Review the description in the Manual that delineates the duties and responsibilities of the person.
3. Evaluate the person's qualifications and work experience (or resume', if appropriate).
4. Review the appropriate organizational chart.
5. Discuss the Appropriate Operational Equipment process with the person.

To meet this objective, the inspector will determine and record answers to the following questions:

1. Is there a clearly identifiable person who has authority to establish and modify the air carrier's policies for the Appropriate Operational Equipment process?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, provide the name If no, explain:
2. Does the person understand the procedures associated with the Appropriate Operational Equipment process?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
3. Does the person understand the controls associated with the Appropriate Operational Equipment process?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
4. Does the person understand the interfaces associated with the Appropriate Operational Equipment process?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
5. Does the person understand the process measurements associated with the Appropriate Operational Equipment process?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
6. Is the authority of this position clearly documented in the air carrier's Manual(s)?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
7. Are the qualification standards for this position clearly documented?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
7a Are the qualification standards for this position appropriate for the duties that are assigned?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
8. Does the person meet the qualification standards?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
9. Does the person acknowledge that he/she has authority for the Appropriate Operational Equipment process?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
10. Does the individual know who has the responsibility for the Appropriate Operational Equipment process?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
11. Are the procedures for delegation of authority clearly documented for the Appropriate Operational Equipment process?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:

Safety Attribute Inspection (SAI) Job Aid

1.1.2 Appropriate Operational Equipment

SECTION 3 – PROCEDURES ATTRIBUTE

Objective: To determine if the air carrier has documented procedures for accomplishing the Appropriate Operational Equipment process.

To meet this objective, the inspector will accomplish the following tasks:

1. Review the documented instructions and information related to the Appropriate Operational Equipment process to ensure that they contain who, what, where, when, and how.
2. Review the FAA Guidance and Specific Regulatory Requirements (SRR) included in the supplemental information section of this SAI.
3. Discuss the Appropriate Operational Equipment process with appropriate personnel to gain an understanding of the procedures.
4. Observe the Appropriate Operational Equipment process to gain an understanding of the procedures.

To meet this objective, the inspector will determine and record answers to the following questions:

1. Do written procedures exist to achieve the desired result of the Appropriate Operational Equipment process:

1.1 Do written procedures require the Air Carrier to maintain an up-to-date document that specifies all required operational equipment for each make, model, and series aircraft by intended route? [SRR 91.703 (a)(4), 91.705 (a), 91.706 (a) (1), 121.161 (a), 121.339(a)(1)(2)(3)(4), 121.340 (a), 121.349 (e), 121.351(a)(b) , 121.323 (a)].

☐ YES **If no or N/A, explain:**
☐ NO
☐ N/A

1.2 Do written procedures require the Air Carrier to track operational equipment on each aircraft including the equipment's inspection status?[SRR 121.339 (a)(b)(c) , 121.323 (b-f), 121.325 (a-c), 121.327 (a), 121.329 (a), 121.331 (a), 121.333 (a), 121.335 (a-c), 121.341 (a), 121.343 (a-f), 121.355 (a), 121.358 (a, b), 121.359 (e)]

☐ YES **If no or N/A, explain:**
☐ NO
☐ N/A

1.3 Do written procedures require the Air Carrier to maintain an equipment diagram that identifies the location of removable emergency equipment in each make, model, and series of aircraft? [SRR 121.339 (a)(b)(c), 121.309 (c, d, f), 121.353 (a-c)]

☐ YES **If no or N/A, explain:**
☐ NO
☐ N/A

1.4 Do written procedures exist for conducting preflight inspections of emergency equipment specifically required for the intended route? [SRR 121.339 (a, b); SRR 121.340 (a); SRR 121.351 (a) SRR 121.549 (b)]

☐ YES **If no or N/A, explain:**
☐ NO
☐ N/A

1.5 Do written procedures exist for conducting preflight inspections of communications/navigation equipment specifically required for the intended route? [SRR 121.349 (a), 121.355 (a)]

☐ YES **If no or N/A, explain:**
☐ NO
☐ N/A

Safety Attribute Inspection (SAI) Job Aid

1.1.2 Appropriate Operational Equipment

SECTION 3 – PROCEDURES ATTRIBUTE

1.6 Do written procedures exist for a preflight verification of airman information specifically required for the intended route? [SRR 121.549 (a)]	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
2. Do the procedures identify: who, what, where, when and how?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO
3. Are the procedures in compliance with the CFR(s)?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO
4. Do the procedures conform to other written guidance (E.g., Operations Specifications, FAA Orders, Airworthiness Directives, Advisory Circulars, Handbook Bulletins, Directives, and Manufacturer's Recommendations)?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO
5. Does the air carrier have the resources to support the written procedures for the Appropriate Operational Equipment process?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO
6. If alternate procedures exist for use during irregular conditions, do they achieve the same desired results as the primary procedures so that an equivalent level of safety is maintained? (E.g., a manual system used as a result of equipment failure).	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A, No alternate procedures exist for this element
7. Are the procedures published in different manuals relating to the Appropriate Operational Equipment process consistent?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO
8. Does the air carrier have a documented method for assessing the impacts of procedural changes to the Appropriate Operational Equipment process?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO

Safety Attribute Inspection (SAI) Job Aid

1.1.2 Appropriate Operational Equipment

SECTION 4 – CONTROL ATTRIBUTE

Objective: To determine if checks and restraints are designed into the Appropriate Operational Equipment process to ensure a desired result is achieved.

To meet this objective, the inspector will accomplish the following tasks:

1. Review the documented instructions and information related to the Appropriate Operational Equipment process.
2. Review the FAA Guidance and Specific Regulatory Requirements (SRR) included in the supplemental information section of this SAI
3. Discuss the Appropriate Operational Equipment process with appropriate personnel to gain an understanding of the controls.
4. Observe the Appropriate Operational Equipment process to gain an understanding of the controls.

To meet this objective, the inspector will determine and record answers to the following questions:

1. Are the following checks and restraints built into the Appropriate Operational Equipment process:

1.1 Does the Air Carrier provide Dispatch/ Flight Following with current information on the status of operational equipment installed on each aircraft?[SRR 121.339 (a) (b)(c), 121.340 (a), 121.349(e), 121.351(a)(b) , 121.311 (a), 121.323 (b-f), 121.325 (a-c), 121.327 (a), 121.329 (a), 121.331 (a), 121.333 (a), 121.335 (a-c), 121.341 (a), 121.343 (a-g), 121.358 (a, b), 121.359 (e), 121.578 (b), 121.581 (a, c), 121.605]

☐ YES **If no or N/A, explain:**
☐ NO
☐ N/A

1.2 Does the Air Carrier have an up-to-date document that specifies the operational equipment needed on board an aircraft (e.g., ETOPS, RVSM, extended over water, lower landing minimums, long-rang communication and navigation equipment. [SRR 91.703 (a)(4), 91.705 (a), 91.706 (a) (1), 121.161 (a), 121.339(a)(1)(2)(3)(4), 121.340 (a), 121.349 (e), 121.351(a)(b) , 121.355 (a)].

☐ YES **If no or N/A, explain:**
☐ NO
☐ N/A

1.3 Does the document that describes removable emergency equipment contain charts that show the location of that equipment.[SRR 121.139 (b) , 121.309 (c, d, f), 121.353 (a-c)]

☐ YES **If no or N/A, explain:**
☐ NO
☐ N/A

1.4 Does the Air Carrier have a method in place to inform flight crews of route specific limitations, eg. Placarding “ETOPS AUTHORIZED”, “RVSM AUTHORIZED”, “Extended Over Water Authorized”, “Lower Landing Minimums Authorized”, “Long-range NAV/COM Equipped”, etc. [SRR 121.161]

☐ YES **If no or N/A, explain:**
☐ NO
☐ N/A

1.5 Does the Air Carrier have a method in place to indicate to crew members when the next inspection of emergency equipment is due?

☐ YES **If no or N/A, explain:**
☐ NO
☐ N/A

Safety Attribute Inspection (SAI) Job Aid

1.1.2 Appropriate Operational Equipment

SECTION 4 – CONTROL ATTRIBUTE

<p>1.6 Does the Air Carrier have a method in place to verify the route specific COM/NAV equipment is operating correctly prior to departure? [SRR 121.355 (a)]</p>	<p><input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>
<p>2. Do the checks and restraints ensure the desired result is achieved for the Appropriate Operational Equipment process?</p>	<p><input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO</p>
<p>3. Does the air carrier have a documented method for assessing the impacts of any changes made to checks and restraints in the Appropriate Operational Equipment process?</p>	<p><input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO</p>
<p>4. Does the air carrier have the resources to support the checks and restraints for the Appropriate Operational Equipment process?</p>	<p><input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO</p>

Safety Attribute Inspection (SAI) Job Aid

1.1.2 Appropriate Operational Equipment

SECTION 5 - PROCESS MEASUREMENT ATTRIBUTE

Objective: To determine if the air carrier measures and assesses the Appropriate Operational Equipment process, to identify and correct problems or potential problems.

To meet this objective, the inspector will accomplish the following tasks:

1. Review the documented instructions and information related to the Appropriate Operational Equipment process.
2. Discuss the Appropriate Operational Equipment process with appropriate personnel to gain an understanding of the process measures.
3. Observe the Appropriate Operational Equipment process to gain an understanding of the process measures.

To meet this objective, the inspector will determine and record answers to the following questions:

1. <Deleted>

2. Does the air carrier's Appropriate Operational Equipment process include the following process measurements?

2.1 The Air Carrier audits the operational equipment document to ensure its accuracy.

☐ YES If no or N/A, explain:
☐ NO
☐ N/A

2.2 The Air Carrier verifies the status of the aircraft to ensure it is equipped for its intended route

☐ YES If no or N/A, explain:
☐ NO
☐ N/A

2.3 Does the Air Carrier analyze discrepancies discovered during preflight inspections of route specific emergency equipment?

☐ YES If no or N/A, explain:
☐ NO
☐ N/A

2.4 Does the Air Carrier analyze discrepancies discovered during preflight inspections of route specific COM/NAV equipment?

☐ YES If no or N/A, explain:
☐ NO
☐ N/A

2.5 Does the Air Carrier analyze discrepancies discovered during preflight verification of route specific airman information?

☐ YES If no or N/A, explain:
☐ NO
☐ N/A

3. Does the air carrier document their process measurement methods and results?

☐ YES If no, explain:
☐ NO

4. Are the air carrier's process measurement methods effective?

☐ YES If no, explain:
☐ NO

5. Does the air carrier use their process measurement results to improve their programs?

☐ YES If no, explain:
☐ NO

6. Are the process measurement results accessible to the FAA?

☐ YES If no, explain:
☐ NO

Safety Attribute Inspection (SAI) Job Aid

1.1.2 Appropriate Operational Equipment

SECTION 5 - PROCESS MEASUREMENT ATTRIBUTE

- | | |
|--|--|
| 7. Does the organization that conducts the process measurement have direct access to the person with responsibility for the Appropriate Operational Equipment process? | <input type="checkbox"/> YES If no, explain:
<input type="checkbox"/> NO |
| 8. Does the air carrier have the resources to support the process measurement for the Appropriate Operational Equipment process? | <input type="checkbox"/> YES If no, explain:
<input type="checkbox"/> NO |

Safety Attribute Inspection (SAI) Job Aid

1.1.2 Appropriate Operational Equipment

SECTION 6 – INTERFACES ATTRIBUTE

Objective: To determine if the air carrier identifies and manages the interactions between the Appropriate Operational Equipment process and the other element processes within the air carrier organization.

To meet this objective, the inspector will accomplish the following tasks:

1. Review the documented instructions and information related to the Appropriate Operational Equipment process.
2. Discuss the Appropriate Operational Equipment process with appropriate personnel to gain an understanding of the interfaces.
3. Observe the Appropriate Operational Equipment process to gain an understanding of the interfaces.

To meet this objective, the inspector will determine and record answers to the following questions:

1. Are the following interfaces identified for the Appropriate Operational Equipment process:

1.1 Aircraft Airworthiness Requirements (Element 1.1.1)	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
1.2 Appropriate Operational Equipment (Element 1.1.2)	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
1.3 Airworthiness Release/Log Book Entry (Element 1.2.1)	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
1.4 Maintenance Log Recording Requirements (Element 1.2.3)	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
1.5 Aircraft listing (Element 1.2.6)	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
1.6 Maintenance Program (Element 1.3.1)	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
1.7 Inspection Program (Element 1.3.2)	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
1.8 MEL/CDL Deferred Maintenance (Element 1.3.5)	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A

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<i>1.9 Outsource Organizations (Element 1.3.7)</i>	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
<i>1.10 Weight and Balance Program (Element 1.3.17)</i>	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
<i>1.11 Flight Attendant Duties/Cabin Procedures (Element 3.1.2)</i>	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
<i>1.12 Airmen Duties/Flight Deck Procedures (Element 3.1.3)</i>	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
<i>1.13 Operational Control (Element 3.1.4)</i>	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
<i>1.14 Lower Landing Minimums (Element 3.1.10)</i>	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
<i>1.15 Dispatch or Flight Release (Element 3.2.1)</i>	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
<i>1.16 Flight/ Load Manifest/weight and Balance Control (Element 3.2.2)</i>	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
<i>1.17 MEL/CDL Procedures (Element 3.2.3)</i>	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
<i>1.18 Training of Flight Crewmembers (Element 4.2.3)</i>	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
<i>1.19 Training of Flight Attendants (Element 4.2.4)</i>	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
<i>1.20 Training of Dispatchers (Element 4.2.5)</i>	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
<i>1.21 Director of Operations (Element 7.1.4)</i>	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A

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1.22 Safety Program (Element 7.2.1)	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
1.23 Manual Currency (Element 2.1.1)	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
1.24 Content Consistency Across Manuals (Element 2.1.2)	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
1.25 (Manual) Distribution (Element 2.1.3)	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
1.26 (Manual) Availability (Element 2.1.4)	<input type="checkbox"/> YES If no or N/A, explain: <input type="checkbox"/> NO <input type="checkbox"/> N/A
2. List any additional interfaces identified:	
3. Are there written procedures for the use of air carrier personnel in the application of these interfaces?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO
4. Are there controls to ensure that interfaces occur?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO
5. Are the interfaces between the Appropriate Operational Equipment process and other processes treated consistently in the Manual(s)?	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO